

**What is claimed is:**

1. A system for mounting an LED comprising:
  - a mounting device; and
  - a first bracket coupleable to a surface of said mounting device, said first bracket releasably and clampably attachable to a first electrically substantially conductive lead of an LED, the first electrically substantially conductive lead extending substantially in a radial plane of the LED.
2. The system of claim 1, wherein said first bracket is fixedly attachable to said surface of said mounting device.
3. The system of claim 1, wherein said first bracket is integral to said surface of said mounting device.
4. The system of claim 1, wherein the first electrically substantially conductive lead extends from an outer circumference of the LED.
5. The system of claim 1, wherein the first electrically substantially conductive lead extends from an outer periphery of the LED.
6. The system of claim 1, wherein the first electrically substantially conductive lead extends substantially radially from the LED.
7. The system of claim 1, wherein the first electrically substantially conductive lead extends substantially tangentially from the LED.
8. The system of claim 1, wherein the first electrically substantially conductive lead extends from an outer periphery of the LED yet offset from a radius of the LED.
9. The system of claim 1, further comprising the LED.

10. The system of claim 1, further comprising:  
a second bracket fixedly attachable to a surface of said mounting device,  
said second bracket releasably and clampably attachable to a second electrically  
substantially conductive lead of the LED, the second electrically substantially  
conductive lead extending substantially radially from an outer periphery of the  
LED.
11. The system of claim 1, wherein said first bracket is snapably closeable to attach  
the first electrically substantially conductive lead of the LED to said mounting  
device.
12. The system of claim 1, wherein said first bracket is rotateably closeable to attach  
the first electrically substantially conductive lead of the LED to said mounting  
device.
13. The system of claim 1, wherein said first bracket is springably closeable to attach  
the first electrically substantially conductive lead of the LED to said mounting  
device.
14. The system of claim 1, wherein said first bracket is electrically conductive.
15. The system of claim 1, wherein the bracket is solderably connectable to said  
surface of said mounting device.
16. The system of claim 1, wherein said first bracket is electrically connectable to the  
first electrically substantially conductive lead of the LED.
17. The system of claim 1, wherein the LED comprises a slug, the slug mountable in  
contact with a surface of said mounting device.

18. The system of claim 1, wherein the LED comprises a slug, the slug mountable adjacent to a surface of said mounting device.
19. The system of claim 1, wherein the LED comprises a slug, the slug mountable in a spaced relationship to a surface of said mounting device.
20. The system of claim 1, wherein the LED comprises a slug, the slug mountable in a spaced relationship to a surface of said mounting device, a space defined between the slug and said surface of said mounting device adapted to be filled with a thermally conductive adhesive.
21. The system of claim 1, further comprising:  
a heat exchanger adapted to dissipate heat from the LED.
22. The system of claim 1, further comprising:  
a cold plate heat exchanger adapted to dissipate heat from the LED.
23. The system of claim 1, further comprising:  
a finned heat exchanger element adapted to dissipate heat from the LED.
24. The system of claim 1, further comprising:  
a Peltier cooler adapted to dissipate heat from the LED.
25. The system of claim 1, further comprising:  
a cooling fan adapted to dissipate heat from the LED.
26. The system of claim 1, wherein said mounting device comprises a metal core adapted to dissipate heat from the LED.
27. The system of claim 1, wherein said mounting device comprises an exterior metal plate adapted to dissipate heat from the LED.

28. The system of claim 1, wherein the mounting device comprises an electrical conductor connectable to the first bracket.
29. The system of claim 1, further comprising:
  - a power supply connectable to said mounting device.
30. The system of claim 1, further comprising:
  - a resistance adaptable to limit electrical current flowing through the LED.
31. A system for mounting an LED comprising:
  - a mounting device; and
  - a means for releasably and clampably attaching a first electrically substantially conductive lead of an LED to said mounting device, the first electrically substantially conductive lead extending in a radial plane of the LED, said means fixedly attachable to a surface of said mounting device.
32. A system for signaling traffic comprising:
  - a traffic light housing;
  - a mounting device adapted to couple electrical power to a traffic-managing LED; and
  - a bracket for releasably and clampably attaching a first electrically substantially conductive lead of the LED to said mounting device, the first electrically substantially conductive lead extending substantially in a radial plane of the LED, said bracket fixedly attachable to a surface of said mounting device.

33. A system comprising:
- a lighted device;
  - a mounting device installable in said lighted device, the mounting device adapted to couple electrical power to an LED; and
  - a bracket for releasably and clampably attaching a first electrically substantially conductive lead of the LED to said mounting device, the first electrically substantially conductive lead extending substantially in a radial plane of the LED, said bracket fixedly attachable to a surface of said mounting device.
34. A method comprising a plurality of activities comprising:
- obtaining a mounting device; and
  - fixedly attaching a first bracket to a surface of said mounting device, said first bracket releasably and clampably attachable to a first electrically substantially conductive lead of an LED, the first electrically substantially conductive lead extending substantially in a radial plane of the LED.
35. The method of claim 33, further comprising:
- releasably attaching the LED to said first bracket.
36. A method of replacing an LED in a lighting device, the method comprising the activities of:
- removing a first LED from a releasable attachment comprising a bracket, said first LED comprising an electrically substantially conductive lead extending from an outer periphery of the LED;
  - installing a second LED to said releasable attachment comprising said bracket, said second LED comprising an electrically substantially conductive lead extending substantially in a radial plane of the LED.

37. A method of replacing a non-LED lighting source with an LED in a lighting device, the method comprising the activities of:
- removing a non-LED lighting source comprising a lamp and a lamp mounting device;
  - installing an LED mounting device comprising a bracket fixedly attached to the LED mounting device, said bracket releasably and clampably attachable to an electrically substantially conductive lead of an LED, the electrically substantially conductive lead extending substantially in a radial plane of the LED.
38. The method of claim 37, further comprising:
- releasably attaching the LED to said bracket.